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PN - JP8165158 A 19960625

PD - 1996-06-25

PR - JP19940310248 19941214

OPD - 1994-12-14

TI - AIR-ENTRAINING AGENT FOR AQUEOUS CEMENT COMPOSITION AND AIR-ENTRAINING METHOD

IN - SOEDA KOICHI; MATSUHISA MASATO; ASHIYABARA SATORU; OSHIMA NOBUO; TANAKA AKIRA; MIYAUCHI HARUYOSHI

PA - CHICHIBU ONODA CEMENT CORP; TOHO CHEM IND CO LTD

EC - C04B28/02

IC - C04B24/32 ; C04B28/02 ; C04B103/30 ; C04B111/76

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TI - Air entraining agent for cement water soluble compsn. - contg. poly:oxy:ethylene sorbitan linoleic acid ester, allowing amt. of stable entraining air to be obtd., regardless of residual amt. of non-blowing carbon in fly ash.

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PA - (ONOD ) ONODA CEMENT CO LTD

- (TOHR ) TOHO CHEM IND CO LTD

C - C04B28/02 C04B18/08 C04B24/32

IC - C04B24/32 ;C04B28/02 ;C04B103/30 ;C04B111/76

AB - J08165158 The agent is used for a compsn. contg at least water, cement and fly ash and contains polyoxyethylene-sorbitan linoleic acid ester.

- ADVANTAGE - The amt. of stable entraining air can be obtd. regardless of residual amt. of non-burning C in fly ash.

- (Dwg.0/0)

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TI - AIR-ENTRAINING AGENT FOR AQUEOUS CEMENT COMPOSITION AND AIR-ENTRAINING METHOD

AB - PURPOSE: To attain stable air content independent of the amount of residual unburned carbon with a small amount of an air-entraining agent even at a high mixing ratio of fly ash by using a polyoxyethylene sorbitan linoleic acid ester.

- CONSTITUTION: This air-entraining agent for aqueous cement composition is composed of a polyethylene oxide sorbitan linoleic acid ester produced by adding 5-100mol of ethylene oxide to a sorbitan linoleic acid ester having an esterification degree of 1-3 and obtained by the esterification reaction of sorbitol or sorbitan with linoleic acid. The air-entraining agent is added to an aqueous cement composition containing at least water, cement and fly ash in an amount of 0.003-0.3wt.% based on the sum of cement and fly ash.

SI - C04B103/30 ;C04B111/76

I - C04B24/32 ;C04B28/02